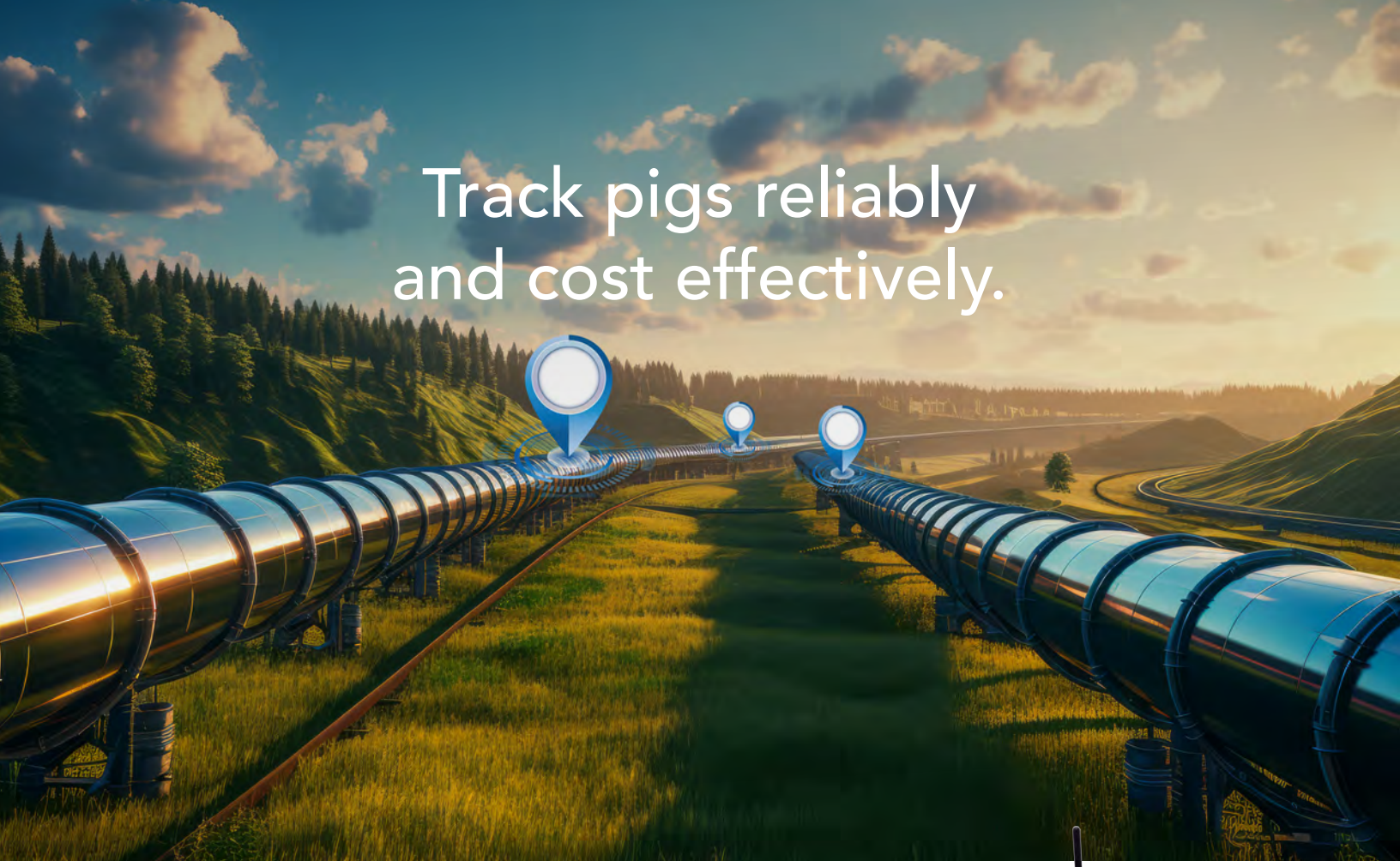



# APEX

## *ABOVE GROUND MARKER*

## REMOTE AUTONOMOUS PIG TRACKING

Propipe APEX is an ultra-reliable, accurate, and easy to use autonomous above ground marker (AGM) that enables real-time remote tracking of pigs with EM transmitters, permanent magnets, or acoustically with a geophone input. APEX AGM communicates streaming data over a wireless interface to a web-based software portal, so users can get real time passage information, live geophone audio, or historical records at any time. Users who pair these devices with our unique intelligent EM transmitters, can build an entire system that tracks, logs, collects and processes pipeline data from in-situ pigs easily, seamlessly and in real time.

PROPIPE NORTH AMERICA **PiggingSmarter.com**

## Today, more than ever, pipelines need to be safer & more efficient.

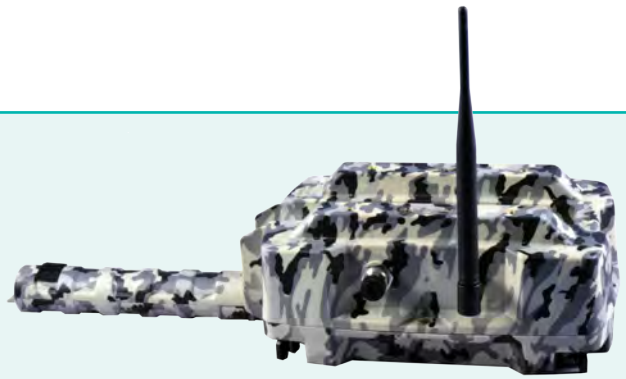
Propipe NA pipeline solutions includes world class intelligent pig tracking & communications technologies combined with simple, easy to use, powerful data collection and software visualization and analysis tools.

# Autonomous Above Ground Marker

## Remote Autonomous Pig Tracking

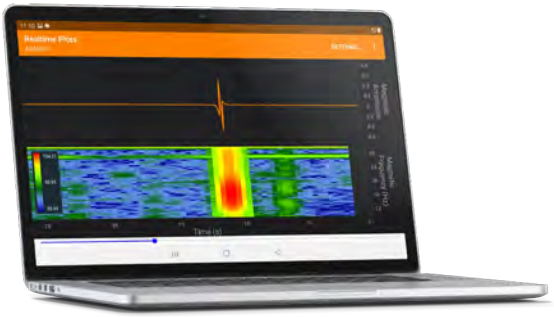
The APEX AGM relies on digital signal processing methods to provide robust and false-alarm free passage information. Raw data is streamed to the cloud using the embedded cellular connection or satellite radio. Passage data is recorded continuously, and time stamped with extremely high precision using GPS time synchronization technology.

Devices in the field can also be configured and controlled over a Bluetooth connection to cellular phones or tablets using the Propipe *PigView-Mobile* application. Customers who purchase AGMs gain access to the entire *PigView* suite of software products, including the web-based portal *PigView-Web* for real time tracking, *Pigview-Mobile* and our *Pigview-Analytics* software package for post analysis of passage data. Customer support is available 24/7.



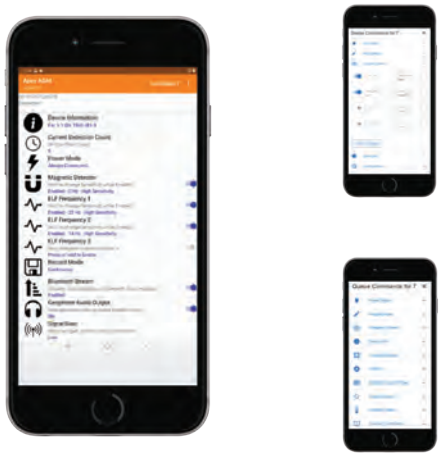
- Reliable
- Cost Effective
- Track Remotely
- Track Safely

| SPECIFICATIONS | APEX AGM |
|---|---|
| Battery Life | 144 hours - Active Mode<br>400 hours - Low Power<br>Depends on Temperature, Cell Coverage and Electromagnetic Conditions |
| Batteries | 6 x D Cell Alkaline and External Power |
| Internal Storage | Micro SD Card, 16 GB standard |
| Devices Detected | All EM frequencies, magnets plus Geophone sound, 22 Hz and 10-30 Hz |
| Internal GPS | 3 m accuracy |
| Temperature Range | -40°C to +85 °C |
| Geophone | External Connector and Internal Amplifier |
| Communications | Cellular LTE, Iridium Satellite , Bluetooth |
| User Interface | Web Based Software, Android Application |



## Live Remote Pig Tracking

Track live and get real time and historical passage data over the internet using our web-based software portal *PigView-Web*. Reduce costs and time by capturing live pig tracking information remotely, and download and store all historical records in the cloud. View real time sensor data or listen to geophone audio wherever there is an internet connection available.



## Setup and Configure with your Mobile Device

Use *Pigview-Mobile* to configure and stream data from any AGM, receiver or transmitter from Propipe. AGMs can be programmed to detect any frequency EM transmitter or permanent magnets while live EM and magnetic data can be streamed in real time directly to a phone or tablet. *PigView-Mobile* turns any AGM device into a digital wireless geophone or wireless EM receiver.

PROPIPE NORTH AMERICA

## BUILDING INTELLIGENT TECHNOLOGY.

Propipe North America is committed to making pig tracking easier, safer, smarter, and more reliable.

Every day, we focus on innovation, listening to our customers, and world class technical support.

PROPIPE NORTH AMERICA

**PiggingSmarter.com**

sales@propipenorthamerica.com
1 (902) 417-5075